

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 12/21/04

AGENDA ITEM 3

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Highland Chain Pump Station Improvement Project: Approval of Addendum and Award of Construction Contract

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolutions that:

1. Approve Addendum No. 1 that makes minor revisions to the plans and specifications;
2. Award the contract to John Clay General Engineering Contractor, Inc., in the amount of \$1,045,400; and
3. Appropriate an additional \$270,000 in the Water System Capital Improvement Fund to complete the project.

BACKGROUND:

The Highland Chain presently consists of four pump stations that deliver water to the upper elevation pressure zones: the Highland 250, Highland 500, Highland 750, and Highland 1000 reservoirs. These pump stations are located adjacent to the reservoir of the lower pressure zone. The existing pump stations at Highland 500, Highland 750, and Highland 1000 reservoirs were not designed to meet the demands of the planned Blue Rock Country Club Development.

In order to accommodate and provide adequate capacity for the new development, the existing Highland Chain pump stations require modification, which will include the replacement of pumps, electrical components, backup generators, and associated site work. A condition of approval for the Blue Rock Country Club requires the developer to fund these improvements.

In order to meet the water demand for the grading that will occur next summer, the project schedule has been accelerated. Due to the long lead time for delivery of some equipment items, such as the generators and large pumps, the City has pre-ordered the equipment and will be providing the equipment to the contractor for installation starting in January 2005.

DISCUSSION:

On November 9, 2004, Council approved plans and specifications for the Highland Chain Pump Station Improvement Project and called for bids to be received on December 7, 2004.

Five bids were received ranging from \$1,045,400 to \$1,295,000. The low bid, submitted by John Clay General Engineering Contractor, Inc., a Hayward contractor, is 15 percent below the engineer's estimate of \$1,230,200. Addendum No. 1, containing clarifications of the plans and specifications, was issued primarily to respond to questions raised during the advertisement period.

Project Cost:

Design Services	\$ 380,000
Construction Cost (this action)	1,045,400
Equipment Purchase	1,068,000
PG&E Related Work	130,000
Inspection & Administration	<u>146,600</u>
Total:	\$ 2,770,000

Funding:

The 2004-05 Capital Improvement Program includes a total of \$2,500,000 for this project in the Water System Capital Improvement Fund. An additional appropriation of \$270,000 is necessary to complete this project. The developer is required to fully fund this project and will deposit needed monies prior to the City expending any funds.

Schedule:

The following tentative project schedule has been developed for this project:

Award Construction Contract	December 21, 2004
Begin Construction	January 2005
Construction Completion	June 2005

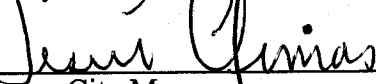
Prepared by:


Alex Ameri, Deputy Director of Public Works

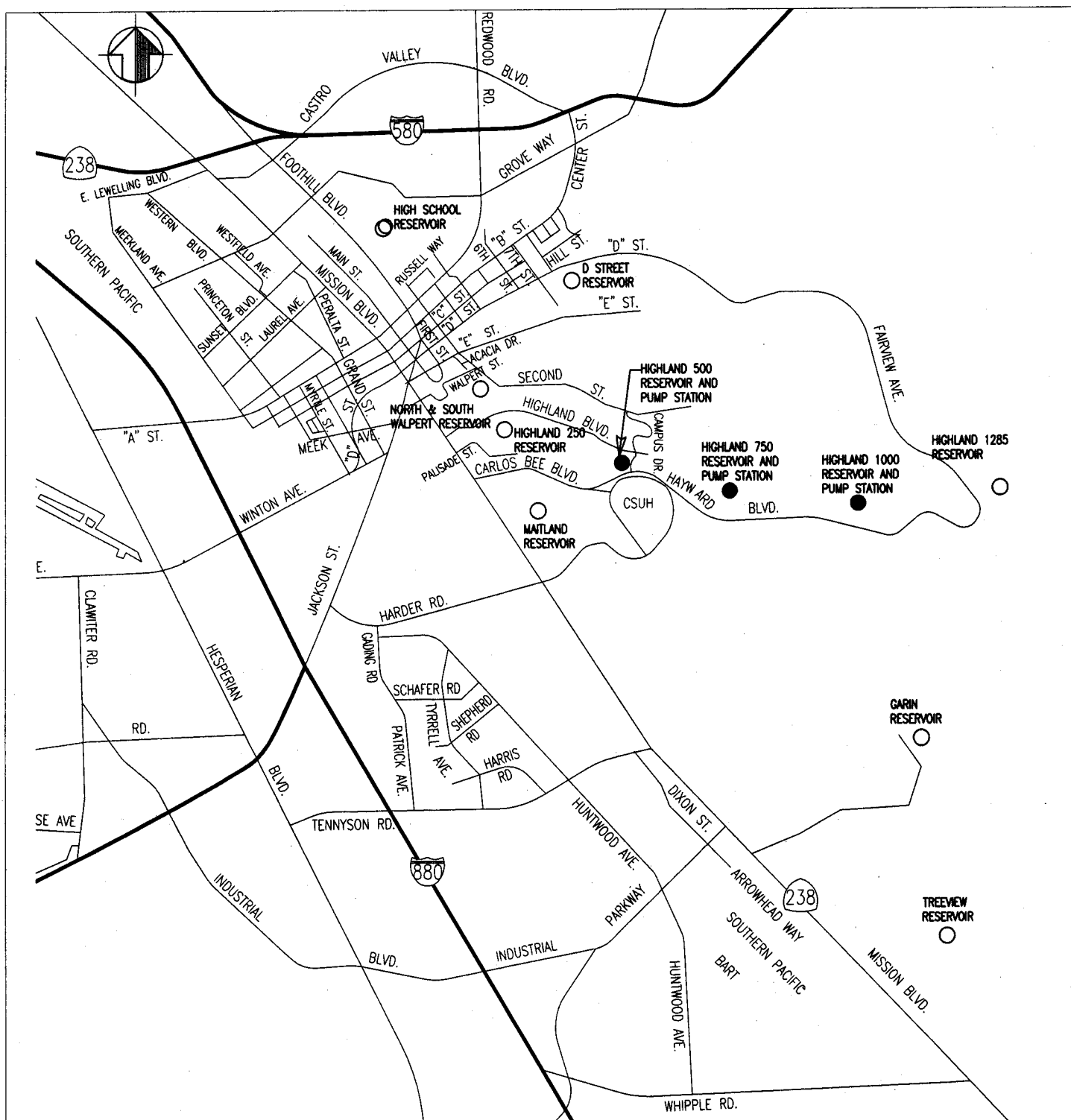
Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map
Exhibit B - Bid Summary



LEGEND: ● PROJECT LOCATION

PROJECT LOCATION MAP

**HIGHLAND CHAIN PUMP STATIONS IMPROVEMENT
PROJECT NO. 622-7143**

EXHIBIT "A"

CITY OF HAYWARD
 HIGHLAND CHAIN PUMP STATIONS IMPROVEMENT PROJECT
 PROJECT NO. 7143
 BIDS OPENED: DECEMBER 7, 2004

(NUMBER OF BIDS RECEIVED - 5)

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Exhibit B

BID SUMMARY				ENGINEER'S ESTIMATE		JOHN CLAY GENERAL ENGINEERING CONTRACT 778 MARIN AVENUE HAYWARD CA 94541-6158 (510) 783-5820 PHONE (510) 783-5939 FAX		D.W. NICHOLSON CORPORATION 24747 CLAWITER ROAD HAYWARD CA 94545 (510) 887-0900 PHONE (510) 783-9948 FAX		G.S.E. CONSTRUCTION CO., INC. 1020 SHANNON COURT LIVERMORE CA 94550 (925) 447-0292 PHONE (925) 447-0962 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
3.1	1	LS	MOBILIZATION	92,000.00	92,000.00	50,000.00	50,000.00	50,000.00	50,000.00	51,300.00	51,300.00
3.2	1	LS	DEMOLITIONS	88,000.00	88,000.00	84,500.00	84,500.00	94,500.00	94,500.00	103,300.00	103,300.00
3.3	1	LS	PAVING AND GRADING	13,200.00	13,200.00	37,900.00	37,900.00	29,000.00	29,000.00	45,600.00	45,600.00
3.4	1	LS	STRUCTURAL	70,000.00	70,000.00	59,600.00	59,600.00	100,400.00	100,400.00	154,000.00	154,000.00
3.5	1	LS	MECHANICAL	211,000.00	211,000.00	205,400.00	205,400.00	157,500.00	157,500.00	199,400.00	199,400.00
3.6	1	LS	ELECTRICAL AND INSTRUMENTATION	170,000.00	170,000.00	414,000.00	414,000.00	390,000.00	390,000.00	287,000.00	287,000.00
3.7	1	LS	PUMPS INSTALLATION	140,000.00	140,000.00	12,000.00	12,000.00	44,000.00	44,000.00	28,300.00	28,300.00
3.8	1	LS	STANDBY GENERATOR, MCC, SWITCHGEAR INSTALLATION	265,000.00	265,000.00	30,000.00	30,000.00	10,000.00	10,000.00	48,300.00	48,300.00
3.90	1	LS	SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD	5,000.00	5,000.00	2,000.00	2,000.00	3,800.00	3,800.00	1,100.00	1,100.00
3.10	1	LS	MISCELLANEOUS ITEMS	26,000.00	26,000.00	0.00	0.00	23,000.00	23,000.00	12,000.00	12,000.00
3.12	1	LS	ADMINISTRATIVE CHANGE ORDERS	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
			TOTAL		1,230,200.00		1,045,400.00		1,052,200.00		1,080,300.00

CITY OF HAYWARD
 HIGHLAND CHAIN PUMP STATIONS IMPROVEMENT PROJECT
 PROJECT NO. 7143
 BIDS OPENED: DECEMBER 7, 2004

(NUMBER OF BIDS RECEIVED - 5)

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BID SUMMARY				ENGINEER'S ESTIMATE		AZTEC CONSULTANTS 2021 OMEGA ROAD, STE 200 SAN RAMON CA 94583 (925) 837-1050 PHONE (925) 837-1652 FAX		MOUNTAIN CASCADE, INC. P.O. BOX 5050 LIVERMORE CA 94551 (925) 373-8370 PHONE (925) 373-0940 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
3.1	1	LS	MOBILIZATION	92,000.00	92,000.00	50,000.00	50,000.00	60,000.00	60,000.00
3.2	1	LS	DEMOLITIONS	88,000.00	88,000.00	109,300.00	109,300.00	120,000.00	120,000.00
3.3	1	LS	PAVING AND GRADING	13,200.00	13,200.00	26,300.00	26,300.00	25,000.00	25,000.00
3.4	1	LS	STRUCTURAL	70,000.00	70,000.00	128,700.00	128,700.00	175,000.00	175,000.00
3.5	1	LS	MECHANICAL	211,000.00	211,000.00	146,400.00	146,400.00	260,000.00	260,000.00
3.6	1	LS	ELECTRICAL AND INSTRUMENTATION	170,000.00	170,000.00	204,675.00	204,675.00	225,000.00	225,000.00
3.7	1	LS	PUMPS INSTALLATION	140,000.00	140,000.00	48,000.00	48,000.00	90,000.00	90,000.00
3.8	1	LS	STANDBY GENERATOR, MCC, SWITCHGEAR INSTALLATION	265,000.00	265,000.00	191,500.00	191,500.00	100,000.00	100,000.00
3.90	1	LS	SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD	5,000.00	5,000.00	7,500.00	7,500.00	2,000.00	2,000.00
3.10	1	LS	MISCELLANEOUS ITEMS	26,000.00	26,000.00	53,000.00	53,000.00	88,000.00	88,000.00
3.12	1	LS	ADMINISTRATIVE CHANGE ORDERS	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
			TOTAL		1,230,200.00		1,115,375.00		1,295,000.00

DRAFT

NH
12/13/04

HAYWARD CITY COUNCIL

RESOLUTION NO. 04-

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING CONTRACT TO JOHN CLAY GENERAL
ENGINEERING CONTRACTOR, INC., FOR THE HIGHLAND
CHAIN PUMP STATION IMPROVEMENT PROJECT,
PROJECT NO. 7143

WHEREAS, on November 9, 2004, the City Council approved the plans and specifications for the Highland Chain Pump Station Improvement Project, Project No. 7143, and called for bids to be received on December 7, 2004; and

WHEREAS, Addendum No. 1 contains clarifications to the plans and specifications and was issued to respond to questions raised during the advertisement period; and

WHEREAS, on December 7, 2004, five bids were received ranging from \$1,045,400 to \$1,295,000; John Clay General Engineering Contractor, Inc., of Hayward submitted the low bid in the amount of \$1,045,400 which is approximately 15 percent below the Engineer's estimate of \$1,230,200.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that John Clay General Engineering Contractor, Inc., is hereby awarded the contract for the Highland Chain Pump Station Project, Project No. 7143, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward, at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with John Clay General Engineering Contractor, Inc., in the name of and for and on behalf of the City of Hayward, in an amount not to exceed \$1,045,400, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT *NH*
12/13/04

HAYWARD CITY COUNCIL

RESOLUTION NO. 04-

Introduced by Council Member__

RESOLUTION AMENDING RESOLUTION 04-102, AS
AMENDED, THE BUDGET RESOLUTION FOR
CAPITAL IMPROVEMENT PROJECTS FOR FISCAL
YEAR 2004-05, RELATING TO AN ADDITIONAL
APPROPRIATION OF FUNDS FROM THE WATER
SYSTEM CAPITAL IMPROVEMENT FUND TO THE
HIGHLAND CHAIN PUMP STATION IMPROVEMENT
PROJECT, PROJECT NO. 7143

BE IT RESOLVED by the City Council of the City of Hayward that
Resolution No. 04-102, as amended, the Budget Resolution for Capital Projects for fiscal
year 2004-05, is hereby amended by approving an additional appropriation of \$270,000
from the Water System Capital Improvement Fund (Fund 622) to complete the Highland
Chain Pump Station Improvement Project, Project No. 7143.

IN COUNCIL, HAYWARD, CALIFORNIA_____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST:_____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward